

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 3230 | 30/133,30,201,31,41.6,207,208,216,31,199,225,527,233.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/14 16:38 |
| S1 | 7 | ("3331130" "4843717").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/21 20:23 |
| S2 | 7 | ("3331130").URPN. | USPAT | OR | OFF | 2006/02/21 20:24 |
| S3 | 12 | ("3280456" "3331130" "3603295" "3686514" "4077122" "4216581" "4535264" "4584964" "4843717" "4992691").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/21 20:27 |
| S4 | 4 | ("3280456").URPN. | USPAT | OR | OFF | 2006/02/21 20:28 |
| S5 | 3 | ("6279234").URPN. | USPAT | OR | OFF | 2006/02/21 20:28 |
| S6 | 21 | ("2864162" "3178815" "3452435" "3999295" "5185931" "5237750" "6098289" "6151780" "6219920" "6226869" "6276060" "6279234" "6308414" "6317982" "6381849" "6421922" "6442840" "6502309").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/21 20:29 |
| S7 | 18 | ("1331218" "1506139" "2914849" "3302286" "3331130" "3368277" "3979825" "4000562" "4005526" "4030196" "4150483" "4216581").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/21 20:32 |
| S8 | 6 | ("1404798" "1423363" "3353265").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/21 20:34 |
| S9 | 10 | ("4628601").URPN. | USPAT | OR | OFF | 2006/02/21 20:40 |
| S10 | 341 | 30/133.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/21 20:40 |
| S11 | 9 | ("1238061" "2753434" "4097722" "4150483" "4198556" "4210162" "4219931").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/22 11:17 |

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|-----|------|--|---|----|-----|------------------|
| S12 | 2 | ("3241234").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/22 11:26 |
| S13 | 12 | ("3678579").URPN. | USPAT | OR | OFF | 2006/02/22 11:26 |
| S14 | 15 | ("3440681").URPN. | USPAT | OR | OFF | 2006/02/22 11:29 |
| S15 | 12 | ("2946123" "3440681" "3900949" "3975821" "3979825" "4030196" "4150483" "4216581" "4590675" "4628601").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/22 11:31 |
| S16 | 4 | ("2946123").URPN. | USPAT | OR | OFF | 2006/02/22 11:34 |
| S17 | 12 | ("2946123" "3440681" "3900949" "3975821" "3979825" "4030196" "4150483" "4216581" "4590675" "4628601").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/02/22 11:35 |
| S18 | 4 | ("2946123").URPN. | USPAT | OR | OFF | 2006/02/22 11:41 |
| S19 | 2 | ("2914849").URPN. | USPAT | OR | OFF | 2006/02/22 13:01 |
| S20 | 2 | US-3331130-\$.DID. OR US-4843717-\$.DID. | USPAT | OR | OFF | 2006/02/22 13:01 |
| S21 | 6 | ("1506139").URPN. | USPAT | OR | OFF | 2006/02/22 13:16 |
| S22 | 4 | ("3279023").URPN. | USPAT | OR | OFF | 2006/02/22 13:21 |
| S23 | 1 | ("2946122").URPN. | USPAT | OR | OFF | 2006/02/22 13:23 |
| S24 | 2 | ("2807086").URPN. | USPAT | OR | OFF | 2006/02/22 13:26 |
| S25 | 2 | ("2323046").URPN. | USPAT | OR | OFF | 2006/02/22 18:17 |
| S26 | 1285 | "83"/\$.ccls. and (leaf near spring) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:30 |
| S27 | 639 | "83"/\$.ccls. and (leaf near spring) and (valve or cap or cover) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:45 |
| S28 | 570 | "83"/\$.ccls. and (leaf near spring) and (valve or cab or cover) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:30 |

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| S29 | 16 | "83"/\$.ccls. and (leaf near spring) and (valve or cap or cover) and mN | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:38 |
| S30 | 0 | "83"/\$.ccls. and (leaf near spring) same (valve or cap or cover or door) and (mn near2 ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:46 |
| S31 | 12 | (leaf near spring) same (valve or cap or cover or door) and (mn near2 ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:48 |
| S32 | 17 | (leaf near spring) same (valve or cap or cover or door) and (mn near4 ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:49 |
| S33 | 377 | spring same (valve or cap or cover or door) and (mn near4 ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:52 |
| S34 | 9 | (spring near force) same (mn near ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 18:56 |
| S35 | 13 | (spring near2 force) same (mn near ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 19:01 |
| S36 | 19 | (spring near2 (force or tension)) same (mn near ("10" or "20" or "30" or "50")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 19:58 |

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| S37 | 1335 | "30"/\$.ccls. and (spring near2 (force or tension)) and (cover or door) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 20:05 |
| S38 | 192 | "30"/\$.ccls. and (spring near2 (force or tension)) and guard same saw | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 20:09 |
| S39 | 277 | "83"/\$.ccls. and (spring near2 (force or tension)) and guard same saw | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/22 20:09 |
| S40 | 0 | diamond near scriper | USPAT | OR | OFF | 2006/02/23 10:42 |
| S41 | 75 | diamond near scriber | USPAT | OR | OFF | 2006/02/23 17:06 |
| S42 | 4 | "6032566" | USPAT | OR | OFF | 2006/02/23 17:07 |
| S43 | 45 | ((("1506139") or ("2946123") or ("2496613") or ("3302286") or ("5153994") or ("2929140") or ("2914849") or ("2946122") or ("2807086") or ("2323046") or ("4030196") or ("6415699") or ("3447577"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/23 20:16 |
| S44 | 13 | ((("1506139") or ("2946123") or ("2496613") or ("3302286") or ("5153994") or ("2929140") or ("2914849") or ("2946122") or ("2807086") or ("2323046") or ("4030196") or ("6415699") or ("3447577"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/02/23 20:17 |
| S45 | 1771 | 30/133,30,201,31,41.6.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/02/14 12:07 |
| S46 | 1 | ("4628601").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:01 |
| S47 | 18 | ("1331218" "1506139" "2914849" "3302286" "3331130" "3368277" "3979825" "4000562" "4005526" "4030196" "4150483" "4216581").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:01 |

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|-----|------|--|--|----|-----|------------------|
| S48 | 6 | ("1506139").URPN. | USPAT | OR | OFF | 2007/01/28 14:03 |
| S49 | 45 | ("0382288" "0560260" "1343175" "1375966" "1376628" "1506139" "1997096" "2345695" "2484610" "2748472" "3279056" "3384919" "3654699" "4085503" "4348810" "4688329" "4776095" "4868984" "4899442" "5012576" "5075971" "5084974" "5153994" "5185931" "5579581" "5606799" "5970616" "6421922" "6502312" "6505404" "6665938" "6684511" "6739053").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:04 |
| S50 | 1 | ("6986206").URPN. | USPAT | OR | OFF | 2007/01/28 14:04 |
| S51 | 3227 | 30/133,30,201,31,41.6,207,208,216, 31,199,225,527,233.5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:22 |
| S52 | 5 | S51 and vaccum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:05 |
| S53 | 177 | S51 and (vacuum or suction) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:06 |
| S54 | 22 | ("2653380" "2748472" "3073026" "3217407" "3295200" "3331130" "3348308" "3368277" "3384919" "3440681" "3797111" "5088199").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:09 |
| S55 | 15 | ("3440681").URPN. | USPAT | OR | OFF | 2007/01/28 14:10 |
| S56 | 23 | ("2297735" "2697876" "2748472" "3348308" "3384919" "3440681" "5088199" "D192424" "D201278" "D207254" "D207775" "D337176" "D339213").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:11 |
| S57 | 8 | ("2748472").URPN. | USPAT | OR | OFF | 2007/01/28 14:11 |

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|-----|------|--|--|----|-----|------------------|
| S58 | 8 | ("2748472").URPN. | USPAT | OR | OFF | 2007/01/28 14:11 |
| S59 | 26 | ("2653380" "2748472" "2946122" "3073026" "3217407" "3280456" "3295200" "3331130" "3348308" "3368277" "3384919" "3440681" "3797111" "4077122").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:13 |
| S60 | 7 | ("3331130").URPN. | USPAT | OR | OFF | 2007/01/28 14:14 |
| S61 | 5 | ("3073026").URPN. | USPAT | OR | OFF | 2007/01/28 14:15 |
| S62 | 1 | ("2946122").URPN. | USPAT | OR | OFF | 2007/01/28 14:15 |
| S63 | 12 | ("2946123" "3440681" "3900949" "3975821" "3979825" "4030196" "4150483" "4216581" "4590675" "4628601").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/28 14:16 |
| S64 | 7 | ("4843717").URPN. | USPAT | OR | OFF | 2007/01/28 14:22 |
| S65 | 1778 | 30/124,200,202,203,204,205,206. ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:33 |
| S66 | 1764 | 15/344,300.1,330,357.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:27 |
| S67 | 519 | d28/58,52,53,54.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:27 |
| S68 | 223 | d32/5,8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:27 |

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| S69 | 24 | "246123" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 14:34 |
| S70 | 1787 | 30/133,30,201,31,41.6.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/02/14 12:07 |